

### Abstract of the Disclosure

A gray voltage generation circuit for driving a liquid crystal display rapidly  
5 outputs an altered gray voltage so that a source driving circuit can charge liquid crystal  
capacitors constructed in a liquid crystal panel in a short period of time. In response to  
the gray voltages from the gray voltage generation circuit, while driving a positive  
polarity, the source driving circuit generates a liquid crystal driving voltage of higher  
level than the existing liquid crystal driving voltage when applying a gate clock signal of  
10 high level, and generates a liquid crystal driving voltage of a level similar to the existing  
liquid crystal driving voltage when applying a gate clock signal of low level. And, while  
driving a negative polarity, the source driving circuit generates a liquid crystal driving  
voltage of lower level than an existing liquid crystal driving voltage when applying a gate  
clock signal of high level, and generates a liquid crystal driving voltage of a level similar  
15 to the existing liquid crystal driving voltage when applying a gate clock signal of low  
level.